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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing      OR       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

|                               |  |                    |
|-------------------------------|--|--------------------|
| <b>Attorney Docket Number</b> |  | 67,124-020; C-3554 |
| <b>First Named Inventor</b>   |  | Marler             |
| <b>COMPLETE IF KNOWN</b>      |  |                    |
| <b>Application Number</b>     |  | / Herewith         |
| <b>Filing Date</b>            |  | Herewith           |
| <b>Group Art Unit</b>         |  |                    |
| <b>Examiner Name</b>          |  |                    |

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DIVERTER VALVE FOR CAPACITY CONTROL OF A REFRIGERANT ABSORPTION CYCLE DRIVING HEAT SOURCE**

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) **1 September 2004**

as United States Application Number or PCT International

(if applicable).

Application Number **US2004/028320** and was amended on (MM/DD/YYYY) \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed   | Certified Copy Attached? YES   | Certified Copy Attached? NO  |
|-------------------------------------|---------|----------------------------------|--|--|--|
|                                     |         |                                  | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| 60/501,366            | 9/9/2003                 | <input type="checkbox"/>   |

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:  Customer Number  
or Bar Code Label 026096 OR  Correspondence address below

Name **THEODORE W. OLDS**

Address **400 W. Maple Road**

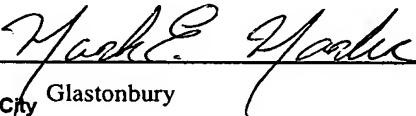
Address **Suite 350**

|                              |                                 |                           |
|------------------------------|---------------------------------|---------------------------|
| City <b>Birmingham</b>       | State <b>Michigan</b>           | ZIP <b>48009</b>          |
| Country <b>United States</b> | Telephone <b>(248) 988-8360</b> | Fax <b>(248) 988-8363</b> |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :  A petition has been filed for this unsigned inventor

|  |   |
|--|---|
| Given Name<br>(first and middle [if any]) <b>Mark E.</b> | Family Name <b>Marler</b><br>or Surname |
|--|---|

|  |                         |
|--|-------------------------|
| Inventor's<br>Signature  | Date <b>3 May, 2005</b> |
|--|-------------------------|

|                                    |                 |                   |                         |
|------------------------------------|-----------------|-------------------|-------------------------|
| Residence: City <b>Glastonbury</b> | State <b>CT</b> | Country <b>US</b> | Citizenship <b>U.S.</b> |
|------------------------------------|-----------------|-------------------|-------------------------|

Mailing Address **72 Bidwell Street**

Mailing Address

|                         |                 |                  |                   |
|-------------------------|-----------------|------------------|-------------------|
| City <b>Glastonbury</b> | State <b>CT</b> | ZIP <b>06033</b> | Country <b>US</b> |
|-------------------------|-----------------|------------------|-------------------|

NAME OF SECOND INVENTOR:  A petition has been filed for this unsigned inventor

|  |                                       |
|--|---------------------------------------|
| Given Name<br>(first and middle [if any]) <b>Sunghan</b> | Family Name <b>Jung</b><br>or Surname |
|--|---------------------------------------|

|   |                         |
|---|-------------------------|
| Inventor's<br>Signature  | Date <b>May 3, 2005</b> |
|---|-------------------------|

|  |                 |                   |                                |
|--|-----------------|-------------------|--------------------------------|
| Residence: City <b>South Glastonbury</b> | State <b>CT</b> | Country <b>US</b> | Citizenship <b>South Korea</b> |
|--|-----------------|-------------------|--------------------------------|

Mailing Address **6 Chelsea Road**

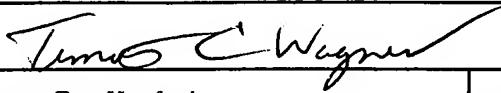
Mailing Address

|                               |                 |                  |                   |
|-------------------------------|-----------------|------------------|-------------------|
| City <b>South Glastonbury</b> | State <b>CT</b> | ZIP <b>06073</b> | Country <b>US</b> |
|-------------------------------|-----------------|------------------|-------------------|

Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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|                    |  |                           |
|--------------------|--|---------------------------|
| <b>DECLARATION</b> | <b>ADDITIONAL INVENTOR(S)<br/>Supplemental Sheet</b> | Page <u>2</u> of <u>2</u> |
|--------------------|--|---------------------------|

|   |   |   |                        |
|---|---|---|------------------------|
| <b>Name of Additional Joint Inventor, if any:</b> |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                        |
| Given Name (first and middle (if any))            |   | Family Name or Surname  |                        |
| Timothy C.  |   | Wagner  |                        |
| Inventor's Signature                              |  |   | Date <u>May 3 2005</u> |
| Residence: City                                   | East Hartford   | State   | CT                     |
| Mailing Address                                   | 562 Forbes Street   |   |                        |
| Mailing Address                                   |   |   |                        |
| City  | East Hartford   | State   | CT                     |
| Zip   | 06118   | Country   | US                     |
| <b>Name of Additional Joint Inventor, if any:</b> |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                        |
| Given Name (first and middle (if any))            |   | Family Name or Surname  |                        |
| Jinsang   |   | Ryu   |                        |
| Inventor's Signature                              | Date  |   |                        |
| Residence: City                                   | Gyunggi-do  | State   |                        |
| Mailing Address                                   | 203-ho 382-dong, Soweol Apt., Ogum-dong, Gunpo-si                                 |   |                        |
| Mailing Address                                   |   |   |                        |
| City  | Gyunggi-do  | State   |                        |
| Zip   |   | Country   | South Korea            |
| <b>Name of Additional Joint Inventor, if any:</b> |   | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                        |
| Given Name (first and middle (if any))            |   | Family Name or Surname  |                        |
|   |   |   |                        |
| Inventor's Signature                              | Date  |   |                        |
| Residence: City                                   |   | State   |                        |
| Mailing Address                                   |   |   |                        |
| Mailing Address                                   |   |   |                        |
| City  |   | State   |                        |
| Zip   |   | Country   | South Korea            |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/02A (08-03)

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Supplemental Sheet**Page 2 of 2

|  |                              |   |             |
|--|------------------------------|---|-------------|
| <b>Name of Additional Joint Inventor, if any:</b>        |                              | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |
| Given Name (first and middle (if any))<br><br>Timothy C. |                              | Family Name or Surname<br><br>Wagner  |             |
| Inventor's Signature                                     |                              | Date  |             |
| Residence: City  | East Hartford                | State   | CT          |
| Mailing Address  | Country US                   |   |             |
| Citizenship US   |                              |   |             |
| Mailing Address  |                              |   |             |
| City   | East Hartford                | State   | CT          |
| Zip  | 06118                        | Country   | US          |
| <b>Name of Additional Joint Inventor, if any:</b>        |                              | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |
| Given Name (first and middle (if any))<br><br>Jinsang    |                              | Family Name or Surname<br><br>Ryu   |             |
| Inventor's Signature                                     | Date <i>For June 20 2005</i> |   |             |
| Residence: City  | Gyunggi-do                   | State   |             |
| Mailing Address  | Country South Korea          |   |             |
| Citizenship KR   |                              |   |             |
| Mailing Address  |                              |   |             |
| City   | Gyunggi-do                   | State   |             |
| Zip  |                              | Country   | South Korea |
| <b>Name of Additional Joint Inventor, if any:</b>        |                              | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |
| Given Name (first and middle (if any))                   |                              | Family Name or Surname  |             |
| Inventor's Signature                                     | Date                         |   |             |
| Residence: City  |                              | State   |             |
| Mailing Address  | Country                      |   |             |
| Citizenship  |                              |   |             |
| Mailing Address  |                              |   |             |
| City   |                              | State   |             |
| Zip  |                              | Country   |             |

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PTO/SB/02C (3-97)

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## DECLARATION

## REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

| Name   | Registration Number | Name | Registration Number |
|--|---------------------|------|---------------------|
| All attorneys associated with customer number 026096 |                     |      |                     |

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